

WGU D220 Exam (New 2023/ 2024 Update) Information Technology in Nursing Practice | Complete Guide with Questions and Verified Answers| 100% Correct| Grade A

QUESTION

_ Define an experienced nurse

Answer:

A professional who has gained substantial knowledge and skills in the field of nursing through years of practice.

Not just number of years practiced, but the quality of experiences, and ability to apply knowledge into practical situations

QUESTION

_ Who can an experienced nurse collaborate with?

Answer:

Physicians, Pharmacists, PT/OT, Social workers, Dietitians, SLP, Resp Therapist and other Nurses

QUESTION

_ Define informatics specialist

Answer:

a professional who applies their knowledge of information science to solve problems related to information processing.

They work in various fields such as healthcare, business, and technology, where they manage, analyze, and interpret data.

QUESTION

_ How is the nurse specialist different from the informatics specialist?

Answer:

is a registered nurse who has received advanced training in a specific area of nursing. They provide

direct patient care and expert consultations in their area of specialization.

An Informatics Specialist, is a professional who uses their knowledge of information technology and healthcare to improve patient care outcomes.

They are often involved in the design, implementation, and optimization of clinical systems like Electronic Health Records (EHRs).

QUESTION

_ Define informatics innovator

Answer:

a professional who applies their knowledge of information technology and systems to create new innovative

solutions to complex problems. They are often involved in the design, development, and implementation of new information systems and technologies

QUESTION

_ How can healthcare organizations use clinical data to increase quality while reducing costs?

Answer:

Value based care, reimburses for outcome instead of source.

QUESTION

_ Define Business Intelligence related to healthcare

Answer:

The use of business intelligence technology uses tools and techniques to gather store

processing and analyzing data, to make educated decisions r/t clinical practices and patient care.

QUESTION

_What areas of healthcare can be improved when using BI as a foundation for evidence-based clinical decision-making.

Answer:

Patient care, operational efficiency financial risk management

QUESTION

_Identify and provide examples of the top 3 high-level barriers to using and exchanging healthcare data

Answer:

- 1.) Inter-operational issues
- 2.) privacy and security concerns
- 3.) lack of standardization

QUESTION

_Give an example of a high-level barrier to using and exchanging healthcare data in clinical setting

Answer:

Medical terminology standardization like, KNA vs KNDA weight in lbs vs KG 1Gr vs 1000mg. All could cause documentation errors that could cause pt harm.

QUESTION

_Define data integrity

Answer:

The ability to collect, store, retrieve correct complete and current data available to authorized users as needed

QUESTION

_Define input errors

Answer:

A typo error, transcription error, misinterpretation of info, omission errors

QUESTION

_How does a system check promote data integrity

Answer:

Ensures validity & accuracy of data set.

QUESTION

_Provide examples of types of data that are tracked for quality improvement

Answer:

Process data, outcome data, balancing measures, patient experience data and structural data

QUESTION

_How does the use of audit trails improve data integrity?

Answer:

Audit trails prevent the wild goose chases often involved in tracing changes or errors in improperly documented data. An audit trail is an invaluable resource when a problem with data is discovered, because the problem can be traced back throughout the file history to help determine when the error was made

QUESTION

_Define health literacy

Answer:

the degree to which individuals have the capacity to obtain, process, and understands basic health information and services needed to make appropriate health decisions